## Please type a plus sign (+) inside this box → + Approved for use through 10/31/2002. OMB 0651-0031 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449B/PTO **Application Number** 09/706.948 INFORMATION DISCLOSURE **Filing Date** 6 November 2000 STATEMENT BY APPLICANT **First Named Inventor Babak Hodjat** Group Art Unit 2151 (use as many sheets as necessary) Examiner Name Unknown sheet 2 of 3 Attorney Docket Number DEJI 1001-1 2 3 200 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite xaminer item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), TRADE T2 Initials No.1 publisher, city and/or country where published. M. AMAMIYA, and T. MINE, "An O(n) Time and O(n2) Processors Parallel Parsing Algorithm C1 for Context-Free Grammars," in H. Jaakkola et al. eds., Advances in Information Modeling and Knowledge Bases, pp. 351-367, IOS Press, 1991. N. A. BAAS, "Emergence; Hierarchies, and Hyper-structures," C.G. Langton ed., Artificial Life C2 III, pp. 515-537, Addison-Wesley Publishing Company, 1994. N. A. BAAS, "Hyper-structures as a Tool in Nanotechnology," S. Rasmussen, S. R. Hameroff, J. C3 Tuzinki, P. A. Hansson ed.'s, Nanobiology (1994) 3, pp. 49-60. J. M. BRADSHAW, "KAoS: An Open Agent Architecture Supporting Reuse, Interoperability, C4 and Extensibility," Proceedings of Tenth Knowledge Acquisition for Knowledge-Based Systems Workshop, http://ksi.cpsc.ucalgary.ca/KAW/KAW96/KAW96Proc.html, 8 November 1996. P. BRAZDIL, M. GAMS, S. SIAN, L. TORGO, and W. VAN DE VELDE, "Learning in Distributed Systems and Multi-Agent Environments," Machine Learning: EWSL-91 (European Working Session on C5 Learning), Y. Kodratoff (Ed.), Lecture Notes in Artificial Intelligence, Springer-Verlag, 1991. D. BRUSCHI, and G. PIGHIZZINI, "A Parallel Version of Earley's Algorithm," Tech Rep. C6 114-94, Dipartimento di Scienze dell'Informazione, Univ. of Milan, 1994, pp. 1-22. D. COCKBURN and N. R. JENNINGS, "ARCHON: A Distributed Artificial Intelligence System **C7** for Industrial Applications," G. M. P. O'Hare, N. R. Jennings, ed.'s, Foundations of Distributed Artificial Intelligence, pp. 319-344, John Wiley & Sons, 1996. S. FRANKLIN, and A. GRAESSER, "Is it an Agent or just a Program? A Taxonomy for **C**8 Autonomous Agents," Proceedings of the Third International Workshop on Agents Theories, Architectures, and Languages, Springer-Verlag, 1996. M. R. GENESERETH and S. P. KETCHPEL, "Software Agents," Communications of the ACM, **C9** Vol. 37, No. 7, July 1994., pp 48-53, 147. B. HAYES-ROTH, K. PFLEGER, P. LALANDA, P. MORIGNOT and M. BALABANOVIC, "A C10 Domain-Specific Software Architecture for Adaptive Intelligent Systems," IEEE Transactions on Software Engineering, April 1995, pp. 288-301. J. E. HOPCROFT, and J. D. ULLMAN, "Formal Languages and Their Relation to Automata," C11 Addison-Wesley Publishing Company, 1969. Examiner Date 20 Signature 002 Considered

\*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE a cellodian of information unloss it contrains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Su	ubstitute fo	or form 1449A/PTO				Co	omplete if Known	
IPA "					Applicatio	n Number	09/706,948	
<u>,,, d / n</u>		RMATION D			Filing Date	8	November 6, 2000	
6	်္ဂ််STATEMENT BY APPLICANT					ed Inventor	Babak Hodjat	
6 2 8 2011 3					Group Art	Unit	6014	_
- 4	(มะ	se as many sheets	s as neo	cessary)	Examiner I	Name	Unknown	
TRAPAN	eet	1	of	1	Attorney D	ocket Number	DEJI 1001-1US	
TPAPEAN								
				U.S. PATI	ENT DOCUM	IENTS		
Examine	r Cite	U.S. Patent Doc		Name of Patentee of		Date of Publicati	Where Relevant	
Initials*	No.1	l Number	nd Code <sup>2</sup> ' <i>known</i> )	of Cited Docur	ment	Cited Docume MM-DD-YYY		
LH	A2	5,638,494		Pinard et	al.	06-10-9	7	
A	A3	5,826,020		Rande	11	10-20-9	8	
LY	A4	5,890,146		Wavish e	t al.	03-30-9	9	
							Pro	
								100
							AUG 3 0	<u>, 21</u>
								200:-
	ļ						Technology Cente	007
							- Cente	
						· · · ·		<u>" 2706</u>
								-
				· · · · ·		<u> </u>		
	+		+					
			_					
						1		
	+					+		

				FORE	IGN PATENT DOCUMENTS	3		
Examiner	aminer Cite	F	Foreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Т <sup>6</sup>
				h				
		· · · · · ·	/	6				

			4	
Examiner Signature	Date Considered	8	/20	2003

\*EXAMINER: Initial if reference consideree, whether or not citation is in conformance with MPEP 609. Draw line through citation if notlin conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>4</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box -> +

PTO/SB/08A (08-00) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

1

heet

## **INFORMATION DISCLOSURE** STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

3

Complete if Known					
Application Number	09/706,948				
Filing Date	6 November 2000				
First Named Inventor	Babak Hodjat				
Group Art Unit	2151				
Examiner Name	Unknown				
Attorney Docket Number	DEJI 1001-1				

	*				U.S. PATENT DOCUM	MENTS	
RADE	xaminer Initials	Cite No.1		nent Code² nown)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	24	A1	6,144,989		Hodjat et al.	11-07-00	
	V						
	·						
		:					
					· · · · · · · · · · · · · · · · · · ·		
					. <u></u>		
				┠			
							· · · · · · · · · · · · · · · · · · ·
						l	
	-			<b>  </b>	· · · · · · · · · · · · · · · · · · ·		
						<u> </u>	

<b></b>				FORE	IGN PATENT DOCUMENTS	\$		
Examiner Initials*	Cite No.1	011-1	Foreign Patent Document Kind Code <sup>5</sup> Number <sup>4</sup> (# known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	T6
a autoris	140.	Office <sup>3</sup>	Rumber	(if known)		MM-DD-YYYY	Figures Appear	
			1	//			1 ,	

Examiner Signature	A. I	$\gamma$	Date Considered	8/0	20/0	2003
		7	 	1 1 1 1		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through c tation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. /2 See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For separate patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document/ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

۵



Creation date: 09-22-2004 Indexing Officer: YNEGASH - YODIT NEGASH Team: OIPEBackFileIndexing Dossier: 09706948

## Legal Date: 10-03-2003

No.	Doccode	Number of pages
1	A	· 2
2	SPEC	11
3	CLM	8
4	REM	11

Total number of pages: 22

Remarks:

Order of re-scan issued on .....